

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
3 June 2004 (03.06.2004)

PCT

(10) International Publication Number
WO 2004/046456 A1

(51) International Patent Classification⁷: D21C 11/00 (81) Designated States (national): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, EG, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT (utility model), PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number: PCT/FI2003/000883

(22) International Filing Date: 19 November 2003 (19.11.2003)

(25) Filing Language: English ✓

(26) Publication Language: English

(30) Priority Data: 20022068 20 November 2002 (20.11.2002) FI

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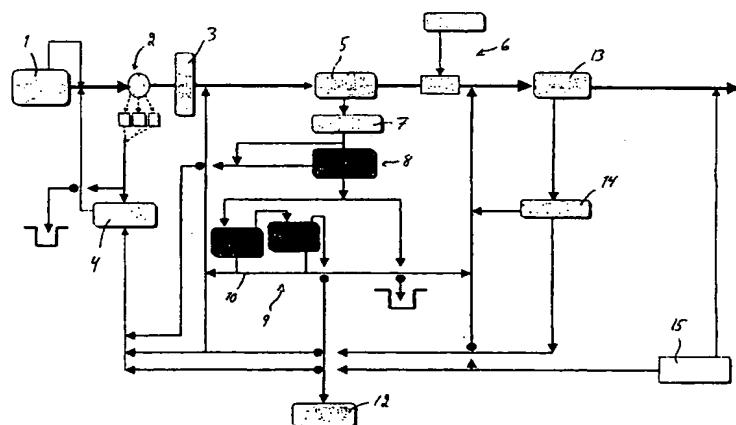
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(84) Designated States (regional): ARIPO utility model (BW), ARIPO patent (BW), ARIPO utility model (GH), ARIPO patent (GH), ARIPO utility model (GM), ARIPO patent (GM), ARIPO utility model (KE), ARIPO patent (KE), ARIPO utility model (LS), ARIPO patent (LS), ARIPO utility model (MW), ARIPO patent (MW), ARIPO utility model (MZ), ARIPO patent (MZ), ARIPO utility model (SD), ARIPO patent (SD), ARIPO utility model (SL), ARIPO patent (SL), ARIPO utility model (SZ), ARIPO patent (SZ), ARIPO utility model (TZ), ARIPO patent (TZ), ARIPO utility model (UG), ARIPO patent (UG), ARIPO utility model (ZM), ARIPO patent (ZM), ARIPO utility model (ZW), ARIPO patent (ZW), Eurasian patent

[Continued on next page]

(54) Title: METHOD AND ARRANGEMENT IN MAKING OF MECHANICAL PULP



(57) Abstract: The object of the present invention is a method and arrangement in making of mechanical pulp to reduce the amount of organic dissolved and colloidal substances in the pulp making process water by treating a part of the process water. According to the method the treating is carried out by leading the process water filtrate, separated from the pulp by a press (5) located before bleaching, to pre-treatment (8), where elongated fibres are fractionated from the process water to be treated. The filtrate that has passed the pre-treatment (8) is led to membrane filtration (9), where at least part of the organic dissolved and colloidal substances included in the process water are separated from the rest of the process water. The membrane filtration concentrate i.e. the colloidal and dissolved substances separated from the process water, is led to further treatment and the permeated i.e. the process water that has passed the membrane filtration is led back to the pulp making process. An arrangement according to the present invention comprises means to carry out the method according to the invention.

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(AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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Published:

— *with international search report*

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2003/000883

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: D21C 11/00 // D21C 9/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: D21C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SE 439940 B (EKA AB), 8 July 1985 (08.07.1985), figure 3, abstract --	1-13
A	WO 9506772 A1 (UNION CAMP PATENT HOLDING, INC.), 9 March 1995 (09.03.1995), page 7, line 37 - page 8, line 8; page 9, line 5 - line 22; page 11, line 13 - line 15 --	1-13
A	US 6209727 B1 (VESA HENTTONEN ET AL), 3 April 2001 (03.04.2001) --	1-13

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Date of the actual completion of the international search

2 February 2004

Date of mailing of the international search report

04-02-2004

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Swedish Patent Office
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INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2003/000883

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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A	EP 0581446 A1 (METSA-SERIA OY), 2 February 1994 (02.02.1994), page 2, line 1 - line 7; page 3, line 8 - line 20 -- -----	1-13

INTERNATIONAL SEARCH REPORT

Information on patent family members

24/12/2003

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